

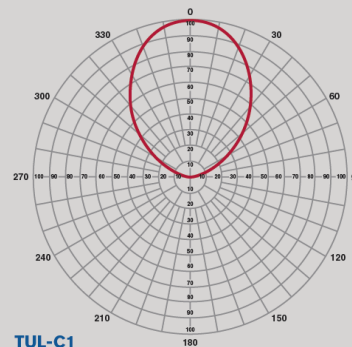


TUL Panel:

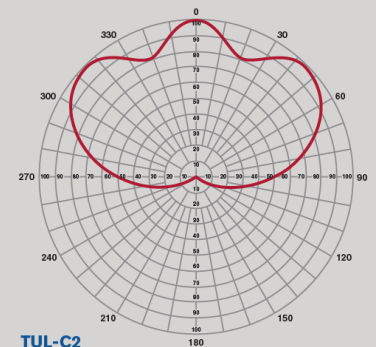
- Operating Range: 60MHz band within 470-860MHz
- Circularly polarized panel
- Economical broadband design
- Suitable for multiplexing many channels
- One 7-16 DIN input per panel
- 500W average power rating
- Low VSWR
- Aluminum construction
- ABS radome for environmental protection
- Panel weight 20lbs (9.1kg)
- Panel dimensions 38.4 x 18.36 x 8.1 in

TUL Panel in an antenna array:

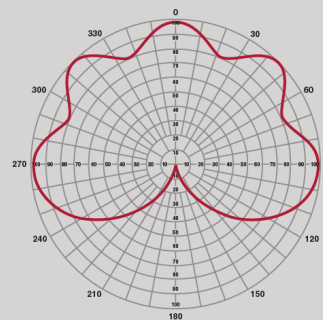
- A key building block for antennas with different azimuth and elevation patterns
- 4 standard azimuth patterns available
- Custom azimuth and elevation patterns available upon request



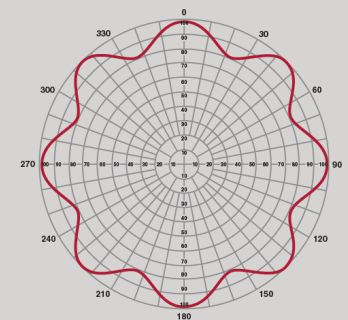
TUL-C1
Azimuth gain=5.2



TUL-C2
Azimuth gain=2.6



TUL-C3
Azimuth gain=1.8



TUL-O4
Azimuth gain=1.3

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Electrical Specifications

Antenna Type	Azimuth Pattern	Peak Gain per Polarization (ratio)	Peak Gain per Polarization (dBd)	Weight (panels and feed system) lbs (kg)	Avg. Power (kW)	Antenna Height ft (m)	CaAc per TIA/EIA-22-F (Ca=1.4) ft ² (m ²)
TUL-C1-1/1	TUL-C1	5.2	7.2	20. (9.1)	0.5	3.2 (1.0)	6.8 (0.63)
TUL-C1-2/2	TUL-C1	11.5	10.6	51.8 (23.5)	1	6.8 (2.1)	15.4 (1.43)
TUL-C1-3/3	TUL-C1	17.7	12.5	74.1 (33.7)	1.5	10.4 (3.2)	23.1 (2.15)
TUL-C1-4/4	TUL-C1	23.4	13.7	97.2 (44.2)	2	13.9 (4.3)	31.2 (2.9)
TUL-C2-1/2	TUL-C2	2.6	4.2	51.8 (23.5)	1	3.2 (1.0)	13.3 (1.23)
TUL-C2-2/4	TUL-C2	5.7	7.6	95.4 (43.4)	2	6.8 (2.1)	26.3 (2.45)
TUL-C2-3/6	TUL-C2	8.9	9.5	140.8 (64)	3	10.4 (3.2)	40.1 (3.73)
TUL-C2-4/8	TUL-C2	11.7	10.7	188 (85.5)	4	13.9 (4.3)	54.6 (5.08)
TUL-C3-1/3	TUL-C3	1.8	2.6	72.7 (33)	1.5	3.2 (1.0)	17.4 (1.61)
TUL-C3-2/6	TUL-C3	4	6	138.1 (62.8)	3	6.8 (2.1)	34.9 (3.24)
TUL-C3-3/9	TUL-C3	6.1	7.9	206.2 (93.7)	4.5	10.4 (3.2)	53.5 (4.98)
TUL-C3-4/12	TUL-C3	8.1	9.1	297.0 (135)	6	13.9 (4.3)	75.3 (7.0)
TUL-O4-1/4	TUL-O4	1.3	1.1	93.6 (42.5)	2	3.2 (1.0)	21.5 (1.99)
TUL-O4-2/8	TUL-O4	2.9	4.6	180.8 (82.2)	4	6.8 (2.1)	43.4 (4.04)
TUL-O4-3/12	TUL-O4	4.4	6.4	291.6 (132.5)	6	10.4 (3.2)	68.9 (6.41)
TUL-O4-4/16	TUL-O4	5.9	7.7	386. (175.5)	8	13.9 (4.3)	93.9 (8.73)

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